

### ABSTRACT OF THE DISCLOSURE

A video data storage and transmission system for security surveillance using a combination of data compression techniques which enable the system to operate effectively in limited bandwidth scenarios such as those found in commercial aircraft communication. High quality video is captured in the cabin or cockpit of an aircraft and stored or transmitted with sufficient update rate to enable a ground operator to confidently assess the conditions on board the aircraft in a short time. The quality of the video may be dynamically changed, and the transmission of video from air to ground initiated, at either the on-board transmitter or ground-based receiver.